CUT AND WEAR PROTECTION

Selection of Sling Protection Products

Sling protection products need to be used in applications where sling damage may occur. Cutting of synthetic slings during use is the number one cause of sling accidents. A variety of factors influence sling protection performance. Since no material is fully cut proof, a qualified person must select materials and methods that adequately protect slings from edges or surfaces. *Lift-All* can assist customers with their product selections.

⚠ WARNING

Exposure of sling to edges with a radius that is too small can cause sling failure and loss of the load. Always protect synthetic slings from being cut or damaged by corners, edges, and protrusions using protection sufficient for each application.

Cut Protection versus Wear Protection

Lift-All sling protection products are divided into two categories, Cut Protection and Wear Protection. **Cut Protection** products are designed to improve workplace safety. When placed between slings and edges, cut protection products act as a buffer to prevent sling cutting and to reduce bearing pressure levels at contact areas. **Wear Protection** products serve to extend sling life by reducing abrasive wear and preventing the marring of load surfaces. The following table provides comparative sling protection performance for standard *Lift-All* products:

Product	Ordering Code	Thickness	Image / Color	Relative Cut Protection Performance Rating
CUT PROTECTION				
Sling Shield™	SS	1" Radius		
Edge Defender™ 3-Ply Polyester Flat Quick Sleeve	ED	0.45		
***Edge Defender* Sling Sleeve** Polyester Tubular Quick Sleeve	TQSPED	0.39		
***Edge Defender* Flex Plus** Flat Quick Sleeve w/*Dyneema*®	FQSD	0.35		
Edge Defender Flex Plus Tubular Quick Sleeve w/*Dyneema*	TQSD	0.24		
COMMON LOOSE WEAR PROTECTION MATERIALS				
***Webmaster*® 1600 Nylon**	N	0.14	Yellow	
***Dyneema* Sleeving** (Light Duty Single Wall)	-	0.054	White	
Pukka (Synthetic Felt)	P	0.33	White	
Heavy Leather	HL	0.13	Tan	
PVC	PVC	0.17	Black	
SEWN-ON TYPE WEAR PROTECTION				
***Webmaster* 1600 Nylon**	N	0.14	Yellow	
Pukka (Synthetic Felt) Pads	P	0.33	White	
Heavy Leather Pads	HL	0.13	Tan	
PVC Pads	PVC	0.17	Black	

Performance Rating: The bar graphs shown above reflect the comparative performance of *Lift-All* Cut Protection products against commonly used loose and sewn-on types of Wear Protection products.

Test Lift Qualification: To validate the suitability of sling protection products for each application, always complete one or more test lifts in a non-consequence manner. Technical Bulletin MS-10 is available for additional information.